

**ABSTRACT OF THE DISCLOSURE**

Exemplary techniques for improving the performance of signals transmitted by conductive circuit traces are disclosed. The techniques may be realized as a method comprising the step of reducing a surface roughness of at least one surface of a conductive circuit trace. Alternatively, the techniques may be realized as a circuit board for transmitting at least one signal, the circuit board comprising at least one conductive circuit trace for carrying at least one signal, the at least one conductive circuit trace having at least one polished surface. Further, the technique may be realized as a conductive circuit trace for carrying a signal, the conductive circuit trace comprising conductive material having a plurality of surfaces substantially parallel with a direction of propagation of the signal, wherein the plurality of surfaces includes at least one polished surface having a reduced surface roughness.